

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003160

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04Q 7/30, 7/32, 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04Q 7/00, 7/30, 7/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 146 758 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 17 October 2001 (17.10.2001) <i>abstract, [0002] - [0017], claims 1, 5, 6, figure 3.</i>	1
A	EP 0 946 070 A2 (NEC CORPORATION) 29 September 1999 (29.09.1999) <i>abstract, claims, figure 11.</i>	1
A	US 2002/0150064 A1 (T. LUCIDARME) 17 October 2002 (17.10.2002) <i>abstract, [0001] - [0008], claims.</i>	5

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search
19 May 2005 (19.05.2005)

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Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna

Authorized officer
ERBER H.

Facsimile No. +43 / 1 / 534 24 / 535

Telephone No. +43 / 1 / 534 24 / 410

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 930 242 A (Y. MIMURA) 27 July 1999 (27.07.1999) <i>abstract, claims, figures 1, 2.</i> —	1
A	JP10065612 A (NOKIA MOBILE PHONES LTD) 6 March 1988 (06.03.1988) (abstract) [online] [retrieved on 19.05.2005] Retrieved from: EPODOC/WPI/PAJ Database <i>abstract.</i> ---	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 2004/003160

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
EP	A	946070		EP A2 0946070	1999-09-29
				CA A1 2266810	1999-09-27
				US B1 6405021	2002-06-11
				JP A 2001119342	2001-04-27
				JP A 11340909	1999-12-10
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				US A1 2003060225	2003-03-27
				WO A1 0141481	2001-06-07
				AU A 1648401	2001-06-12
				JP A 2001156869	2001-06-08
JP	A	10065612		none	
		A2			
US	A	20020150		none	
		064			